REMARKS

In the Office Action of February 9, 2007, claims 48-59 and 16-17 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 46-56, 16 of U.S. Patent No. 6,477,200. A terminal disclaimer is submitted herewith to overcome this rejection.

On page 4 of the Office Action, claims 48-59 were objected to because of informalities relating to the claim language. The claims are amended herewith to address some of these objections. However, Applicant traverses some of the claim objections. For example, the Examiner required that in claim 55, line 9, "set of" should be inserted after "the." Applicant submits that said occurrence of "the" is already followed by "set of." Also, the Examiner stated that the same comment applies to claim 56, after "of the" first occurrence and claim 57, after "the" first occurrence. Thus Examiner believes that reference to "the one-dimensional errors" in claim 56 is improper and requires it to be changed to "the set of one-dimensional errors." Applicant disagrees. Antecedent basis exists for one-dimensional errors and it is unnecessary to change the recitation to "the set of one-dimensional errors." The same comment applies to claim 57.

On page 5 of the Office Action, claims 15, 18, 54, 57 and 58 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims are amended herewith to address these rejections.

Claims 16 and 18 were rejected under 35 U.S.C. § 112, second paragraph, as being incomplete for omitting essential structural cooperative relationships of elements, such omission amounting to a gap between the necessary structural connections. Claim 16 is amended herewith to address this rejection.

Also in the Office Action, claim 17 was rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,208,829 ("Soleimani"). Claims 48 and 52 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Publication No. 2005/0207510 ("Ojard") in view of U.S. Patent No. 5,031,195 ("Chevillat"). Claims 49 and 50 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Ojard in view of Soleimani. Claim 17 is

cancelled herewith. Claim 48 is amended to include the limitations of claims 52 and 53. Claim 49 is amended to include the limitations of claims 50 and 51. Claim 55 is amended herewith to be in independent form including the limitations of claim 48. Claims 50-54 are cancelled accordingly.

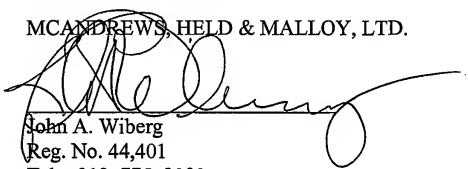
In view of the foregoing, Applicant respectfully requests allowance of claims 16, 18, 48, 49 and 55-59.

The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

Respectfully submitted,

Date: 6/8/07

MCANDREWS, HELD & MALLOY, LTD.



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